Claims

1. A user interface for a digital radio telephone comprising first functional elements placed on the front surface of the shell of the phone, which first functional elements advantageously comprise at least a keypad, display, microphone and a speaker, and second functional elements placed at the upper end of the shell or on the sides of the shell, which second functional elements comprise various function keys, wherein the user interface additionally comprises third functional elements placed on the rear surface of the shell of the radio telephone.

2. A user interface according to claim 1, wherein the said third functional elements and second functional elements are arranged so as to together function as a second alternative user interface of a phone.

3. A user interface according to claim 1, wherein the manipulation of the said third functional elements is possible while the radio telephone is in a carrying means.

4. A user interface according to claim 1, wherein the said third functional elements comprise at least a group selector switch.

5. A user interface according to claim 4, wherein the said group selector switch is arranged to function as a rotary switch for selecting a group by turning the selector switch.

6. A user interface according to claim 4, wherein the said group selector switch is arranged to function as a pushbutton switch for selecting a group by pushing the selector switch.

7. A user interface according to claim 6, wherein pushing of the said group selector switch is arranged so as to select the previous selected group.

8. A user interface according to claim 4, wherein a voice response function is arranged in conjunction with the group selector switch to convey information to the user by means of a recorded voice message.

9. A user interface according to claim 8, wherein a group name or index is given in the said recorded voice message.

10. A user interface according to claim 9, wherein the transition of the phone to the group selected is arranged so as to take place after the sounding of the said voice

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message and there is a temporal delay between the voice message and the transition to the group.

11. A user interface according to claim 8, wherein the said recorded voice message gives confirmation of the selection of a group.

12. A user interface according to claim 1, wherein the said third functional elements comprise at least a rear speaker.

13. A user interface according to claim 1, wherein the said third functional elements comprise at least a mode selector switch to set the radio telephone to function as a direct channel radio or as a systems radio.

14. A user interface according to claim 1, wherein the said third functional elements comprise at least a rear microphone.

15. A user interface according to claim 1, wherein the said third functional elements comprise at least a speech recognition button to use functions in the phone that can be controlled by the user's voice commands.

16. A user interface according to claim 12, wherein the said third functional elements comprise a selection switch for setting the incoming voice messages to be reproduced by the speaker or rear speaker.

17. A user interface according to claim 12, which has an automatic function for setting the voice messages to be automatically reproduced by the rear speaker when the phone is in a carrying means, and for setting the voice message to be automatically reproduced by the speaker when the phone is not in the carrying means.

18. The use of the user interface according to claim 1 especially in radio telephones intended to be used by the authorities.

19. The use of the user interface according to claim 1 in radio telephones intended for civilian use.